

# ROE001000EXT00

External Trigger Cable for the E100 Emulator

## User's Manual

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### CAUTION

If the requirements shown in the "CAUTION" sentences are ignored, the equipment may cause personal injury or damage to the products.

## 1. Outline

The external trigger cable R0E001000EXT00 allows tracing of external signals and output of events through the external trigger connector of the E100 emulator (R0E001000EMU00).

## 2. Package Components (See Figure 1)

Check to see if the R0E001000EXT00 package has all the following contents before using this product.

- (1) R0E001000EXTE0 board..... 1 pc.
- (2) R0E001000EXTT0 board (with a cable) ..... 1 pc.
- (3) R0E001000FLX10 flexible cable..... 1 pc.
- (4) R0E001000EXT00 user's manual (this document)

## 3. Usage (See Figure 2)

The usage of the external trigger cable R0E001000EXT00 is shown in Figure 2.

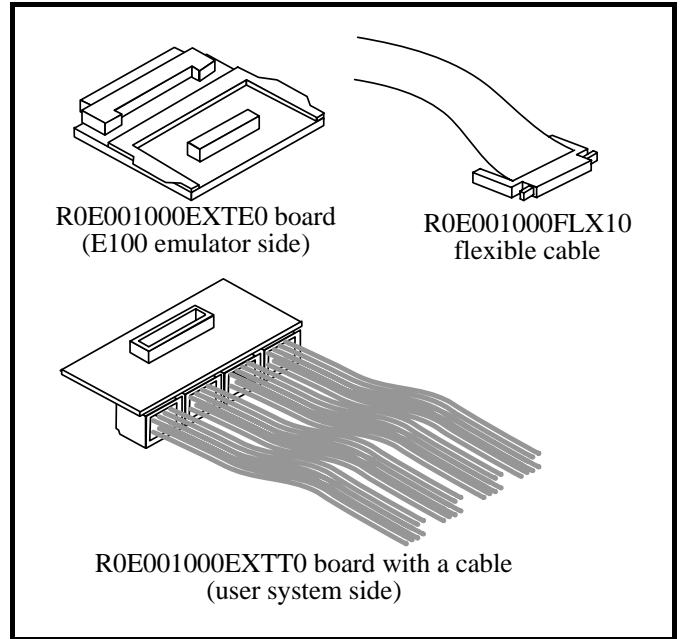


Figure 1 Package Components of the R0E001000EXT

### Procedure:

After checking that the power supplies for the E100 emulator and the user system are turned off, connect the external trigger cable R0E001000EXT00 according to the following procedure.

- (1) Connect R0E001000FLX10 to the R0E001000EXTE0 board.
- (2) Open the lid (EXT) of the E100 emulator and connect the R0E001000EXTE0 board to the external trigger connector.
- (3) Connect signals to the user-system connection sockets of R0E001000EXTT0.
- (4) Connect R0E001000FLX10 to R0E001000EXTT0.

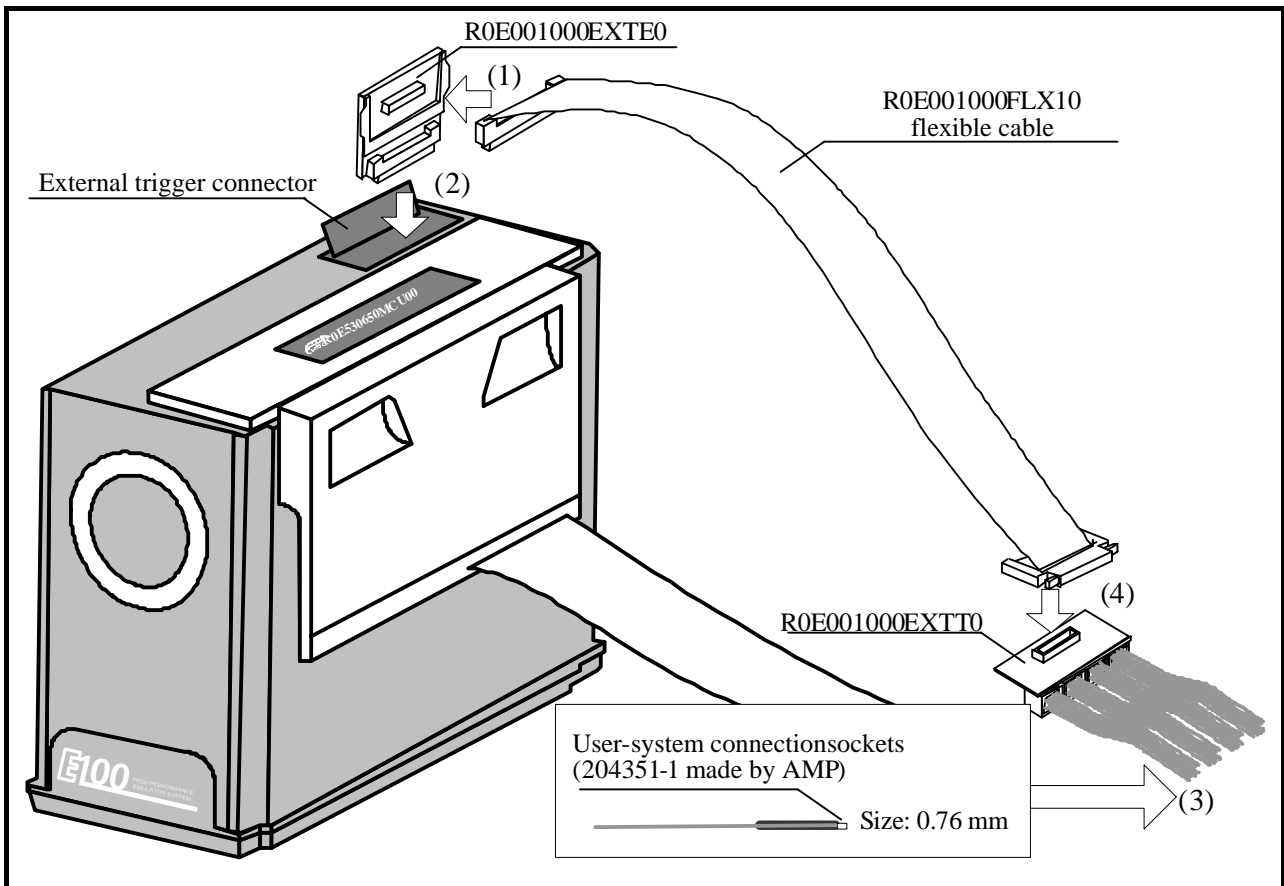


Figure 2 Usage of the R0E001000EXT00

## 4 Connection with a User System

(See Figure 3)

### (1) GND connection

The black wire connected to the R0E001000EXTT0 board acts as a GND terminal. This wire must be connected to GND of the user system.

### (2) Trigger-signal correspondence table

Input and output attributes for trigger signals are specifiable through settings in the emulator debugger. Table 1 shows the correspondence between the [Trigger] section ([External trigger cable]) on the [System] page of the [Configuration Properties] dialog box of the emulator debugger and identification numbers for the user-system connection sockets.

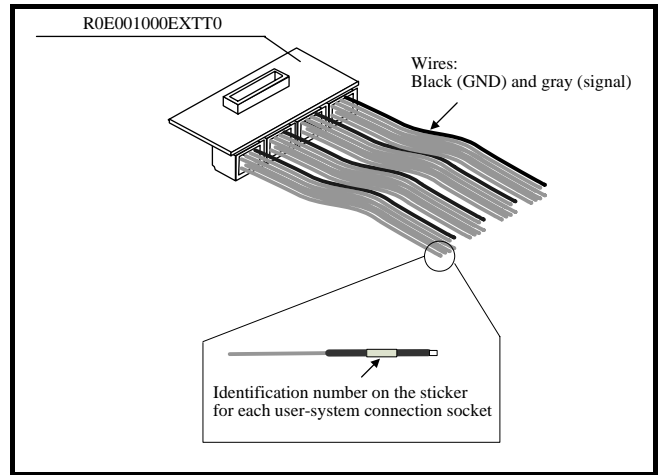


Figure 3 Connection with a User System

Table 1 Trigger-Signal Correspondence Table

Trigger Signal Name	Input/Output	R0E001000EXTT0 Connector Number	Identification Number for the User-System Connection Socket
CLK	I	CN3-2	CLK
EXT0	I	CN4-10	0
EXT1	I	CN4-9	1
EXT2	I	CN4-8	2
EXT3	I	CN4-7	3
EXT4	I	CN4-6	4
EXT5	I	CN4-5	5
EXT6	I	CN4-4	6
EXT7	I	CN4-3	7
EXT8	I	CN3-10	8
EXT9	I	CN3-9	9
EXT10	I	CN3-8	10
EXT11	I	CN3-7	11
EXT12	I	CN3-6	12
EXT13	I	CN3-5	13
EXT14	I	CN3-4	14
EXT15	I	CN3-3	15
EXT16	I/O	CN6-10	16
EXT17	I/O	CN6-9	17
EXT18	I/O	CN6-8	18
EXT19	I/O	CN6-7	19
EXT20	I/O	CN6-6	20
EXT21	I/O	CN6-5	21
EXT22	I/O	CN6-4	22
EXT23	I/O	CN6-3	23
EXT24	I/O	CN5-10	24
EXT25	I/O	CN5-9	25
EXT26	I/O	CN5-8	26
EXT27	I/O	CN5-7	27
EXT28	I/O	CN5-6	28
EXT29	I/O	CN5-5	29
EXT30	I/O	CN5-4	30
EXT31	I/O	CN5-3	31

## 5. Precautions

### IMPORTANT

#### Notes on This Product:

- We cannot accept any request for repair.
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